Date:

Wednesday, 1/30/2008 7:57:00 AM

User:

Kim Johnston

**Process Sheet** 

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 37081 : 10908

**Estimate Number** 

P.O. Number

: 1/30/2008 This Issue

Prsht Rev.

First Issue

: NC

: // : 34122

S.O. No. :

: SMALL /MED FAB Type

New issue KJ/JLM

EC

**Part Number Drawing Number** 

**Drawing Name** 

: D33307 - D3330 REV D

Project Number

: N/A

: PANEL

**Drawing Revision** 

: D

Material

: 2/11/2008 Due Date

Qty:

10 Um:

Each

Written By Checked & Approved By

Previous Run

Comment

: Est. A

Est Rev:B Now on Waterjet 06-09-25 JLM est C 07.05.14 rev C dwg

Est D 07.12.12 rev C dwg

05.01.13

"EČ veryfied by:DD

**Additional Product** 

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

1010-1025 sheet .125

1.0

M1010S125

1010-1025 sheet .125

Total: 0.7971 sf(s)/Unit

Batch: 106 40

7.9710 sf(s)

2.0 WATER JET

Comment: Qtv.:



Comment: FLOW WATER JET

1-Cut as per Dwg D3330

Dwg Rev:\_\_ Prog Rev:\_

2-Deburr if necessary

3.0

QC2

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0

QC8

SECOND CHECK

Comment: SECOND CHECK

5.0 BRAKE NC

NC BRAKE



Comment: NC BRAKE

Deburr

Form as per Dwg D3330

10

### **Dart Aerospace Ltd**

								<del></del>
W/O:			WORK ORDER	CHANGES				
DATE	STEP	PR	OCEDURE CHANGE		By Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				v				
Part No	:	PAR #:	Fault Category:	NCR:	Yes (No) I	DQA: 🔨	Date: ⊆	selos/o
					QA: N/C Cld	sed:	Date: _	
			WORK OPPED NON CON	FORMANOE	NOD)			

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Corrective Action Section B				Verification	Annrovol	A 1
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
	į						,	
			1				ĺ	

NOTE: Date & initial all entries

Date: Wednesday, 1/30/2008 7:57:00 AM User: Kim Johnston **Process Sheet** Drawing Name: PANEL Customer: CU-DAR001 Dart Helicopters Services Part Number: D33307 Job Number: 37081 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT WORK TO CURRENT STEP 6.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 415 0 FINAL INSPECTION/W/O RELEASE 8.0 Comment: FINAL INSPECTION/W/O RELEASE

Job Completion

n zvoddog (10)

### **Dart Aerospace Ltd**

W/O:			WORK ORDER	CHANGES					
DATE	STEP	PR	OCEDURE CHANGE	I	Зу	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC inspector
Part No	:	PAR #:	Fault Category:	NCR:	Yes	No <b>DQ</b>	A:	_ Date: _	
				•	QA: N	/C Close	d:	_ Date: _	<del> </del>
NCR:		7	WORK ORDER NON-COM	IFORMANCE (	NCR	3)			

NCR:			WORK ORDI	ER NON-CONFORMAN	CE (NCR)			
		Description of NC	Corrective Action Section B			Verification Approva	Approval	Annroyal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector
						:	`	
				•				
		<u> </u>						
)								
	1		1 1				ĺ	}

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	37081
Description: Frame Assembly	Part Number:	D3330-7
Inspection Dwg: D3330 Rev: 9 D 608-01,30		Page 1 of 1

## FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.688	+0.008/-0.001	1689	X			
7.00	+/-0.030	7.012	*			
16.33	+/-0.030	16.33	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			
11.84	+/-0.030	11.84	¥			•
4.87	+/-0.030	4.87	×			
1-254>	<del>-/-0.010</del>					
3.25	£0.030	3.25	×		****	
						<u> </u>
					1711	
		MANUL III				
		<del></del>				
		101 101			1.11.11.11.11.11.11.11.11.11.11.11.11.1	

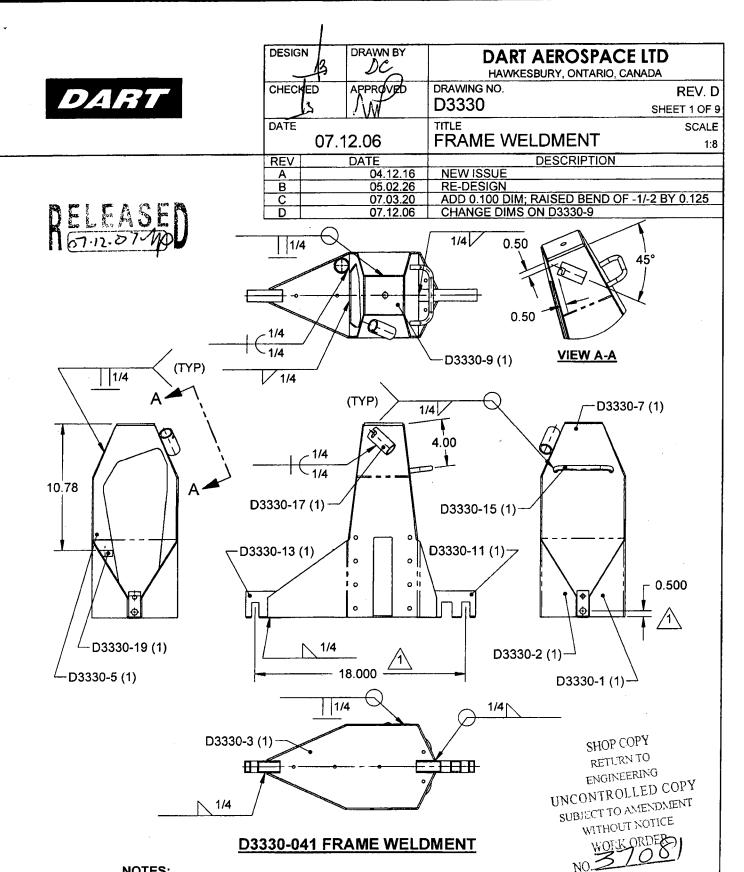
Measured by: R

Date: 8-1-3 | Date: 05 (u/3/ Date: N/A

Rev	Date	Change	Revised by	Approved
Α	06.10.27	New Issue	KJ/JLM	
В	07.05.16	Dwg Rev updated	KJ/EC	E
	· · · · · · · · · · · · · · · · · · ·		7 (1	



16 08 D 13

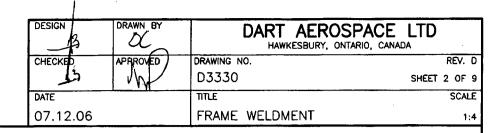


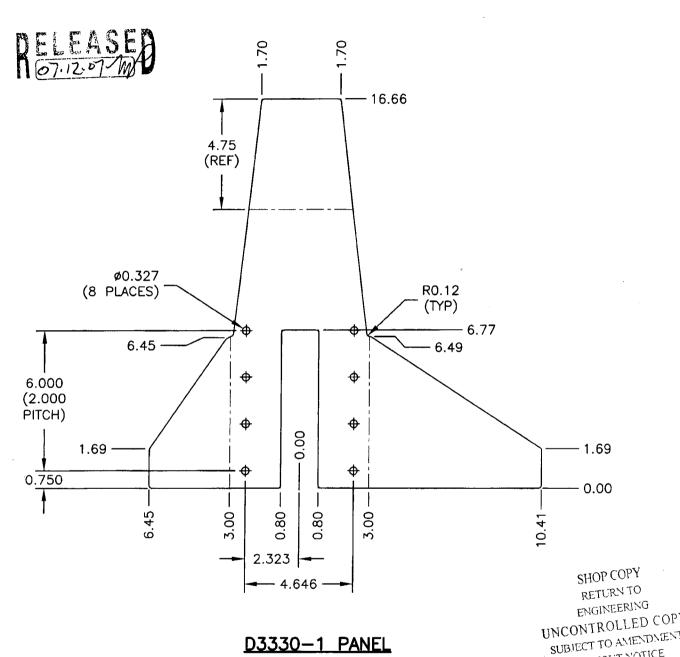
#### NOTES:

- 1) POSITION PARTS AS PER JIG D3330-041T1
- WELD PER QSI 004
- FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- ALL DIMENSIONS ARE IN INCHES
- BREAK ALL SHARP EDGES 0.010 TO 0.020

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## D3330-1 PANEL

NOTES:

WORK ORD B 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)

WITHOUT NOTICE

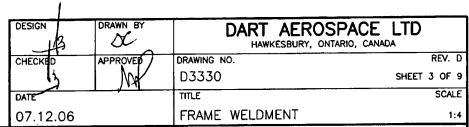
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

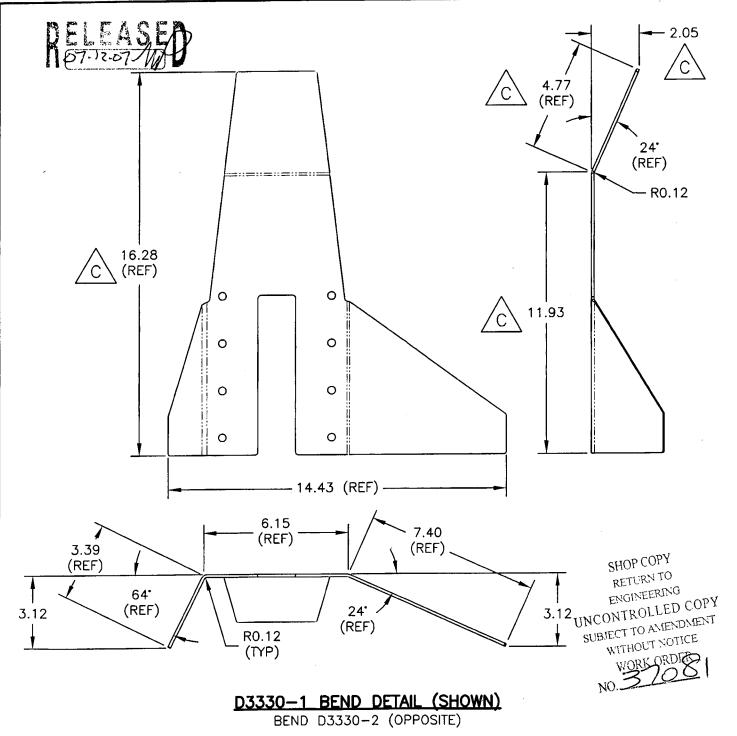
3) ALL DIMENSIONS ARE INCHES

4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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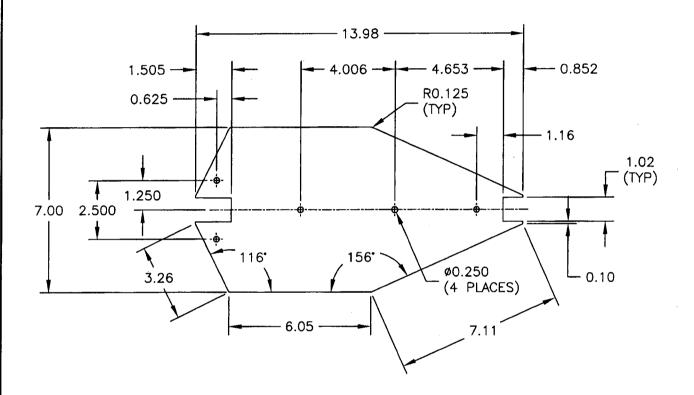






DESIGN	DRAWN BY	DART AEROSP HAWKESBURY, ONTAR	
CHECKED	APRROVED	DRAWING NO.	REV. D
13	1 1/14	D3330	SHEET 4 OF 9
DATE		TITLE	SCALE
07.12.06		FRAME WELDMENT	1:4





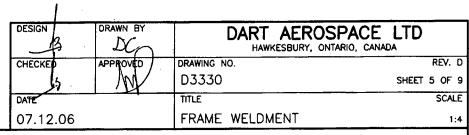
## D3330-3 PLATE

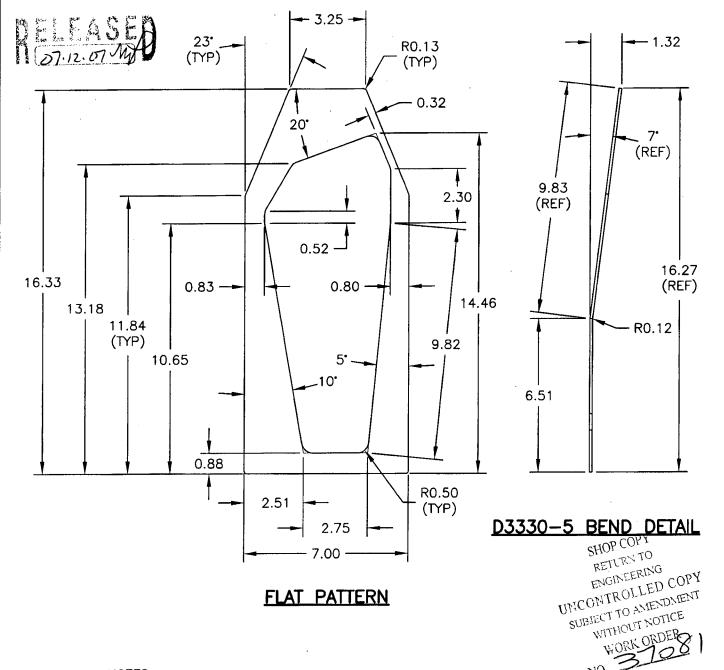
SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 竹柏ICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010



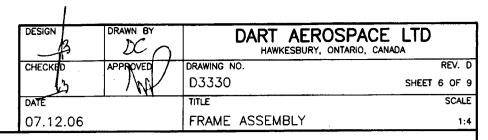




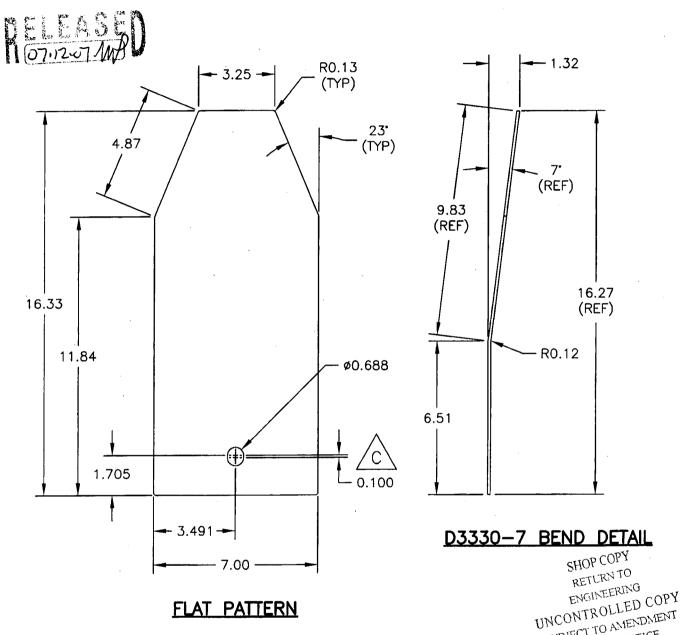
#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 11 GAUGE (0.125 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010





SUBJECT TO AMENDMENT WITHOUT NOTICE



NOTES:

FLAT PATTERN

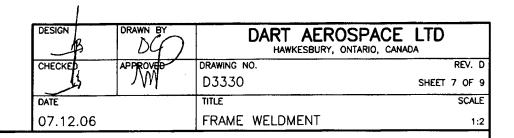
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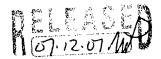
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

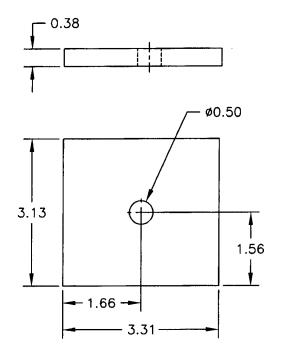
3) ALL DIMENSIONS ARE IN INCHES

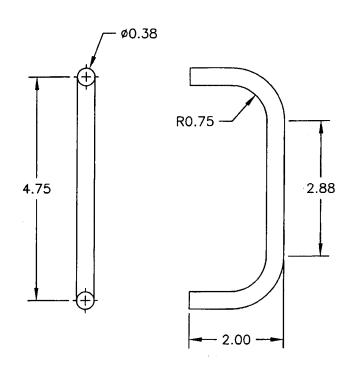
4) BREAK ALL SHARP EDGES 0.005 TO 0.010











↑ D3330-9 TOP PLATE

**№** D3330-15 HANDLE

NOTES:

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008, 0.375 STEEL ENGINEERING

(REF. DART SPEC. M1010-B0.375x3.500)

2) MATERIAL: AISI 1018-1025 ROUND BAR PER MIL-S-7097 (REF. DART SPEC. M1018-R0.375)

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

4) ALL DIMENSIONS ARE IN INCHES

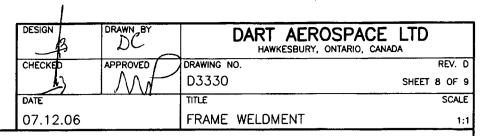
5) BREAK ALL SHARP EDGES 0.005 TO 0.010

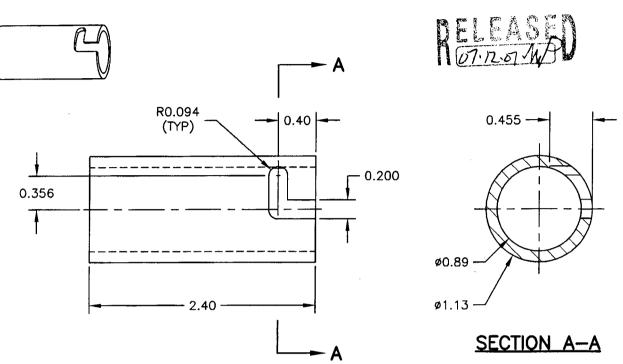
SHOP COPY RETURN TO

UNCONTROLLED COPY SUBJECT TO AMENDMENT

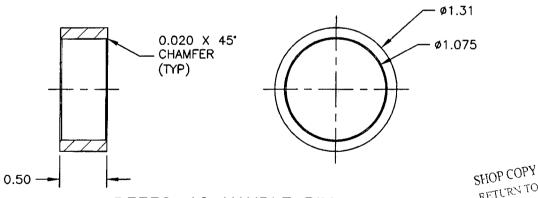
WITHOUT NOTICE







# D3330-17 HANDLE SOCKET



D3330-19 HANDLE RIM

NOTES:

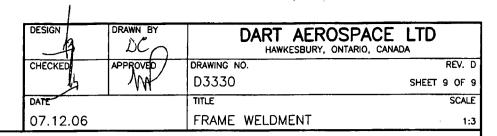
1) MATERIAL: 1010-1025 ROUND BAR STEEL PER MILL-S-7097 (REF. DART SPEC. M1025TR)

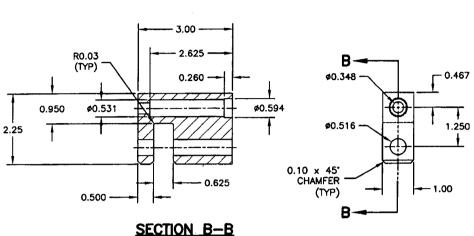
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

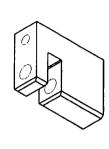
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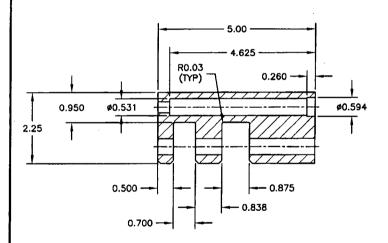


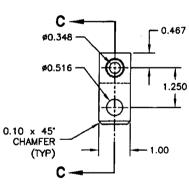


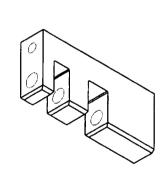


#### SECTION B-B

### D3330-13 SHORT PIN BRACKET







### SECTION C-C

### D3330-11 LONG PIN BRACKET

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570, 1.000 THICK STEE (REF. DART SPEC. M1010-B1.000x02.250)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010